What is claimed is:

1. A wireless gateway subject to the Institute of Electrical and Electronics Engineers (IEEE) 802.11b protocol, the wireless gateway comprising:

a central processing unit (CPU) for restructuring and transmitting Internet protocol (IP) packets;

at least one synchronous dynamic random access memory (SDRAM) connected with the CPU for exchanging data with the CPU, and for storing application programs;

a flash memory connected with the CPU for storing driving programs and related configurations;

a crystal oscillator connected with the CPU for providing clock signals for the CPU;

an Ethernet transceiver connected with the CPU for transmitting and receiving Ethernet frames; and

at least one port connected with the CPU for connecting one or more computers and/or computer peripherals in a wireless manner.

2. The wireless gateway as claimed in claim 1, further comprising a reset circuit for resetting a clock of the CPU.

3. The wireless gateway as claimed in claim 1, further comprising a joint test action group (JTAG) port for testing the CPU.

4. The wireless gateway as claimed in claim 1, further comprising an RS232 transceiver connected with the CPU.

5. The wireless gateway as claimed in claim 1, wherein the crystal oscillator

provides clock signals of 20MHz for the CPU.

6. The wireless gateway as claimed in claim 1, wherein the Ethernet transceiver comprises one or more Ethernet ports for communicating with local area networks (LANs) and wide area networks (WANs) each in one-to-one correspondence.

7. The wireless gateway as claimed in claim 1, wherein said port is a universal serial bus (USB) port.

8. The wireless gateway as claimed in claim 7, wherein the USB port is connected with the computers and/or the computer peripherals by using a wireless network card that comprises a USB interface.

9. The wireless gateway as claimed in claim 1, wherein said port is a personal computer memory card international association (PCMCIA) port.

10. The wireless gateway as claimed in claim 9, wherein the PCMCIA port is connected with the computers and/or the computer peripherals by using a wireless network card that comprises a PCMCIA interface.

11. A method of making a wireless gateway subject to the Institute of Electrical and Electronics Engineers (IEEE) 802.11b protocol, comprising steps of:

    providing a central processing unit (CPU) for restructuring and transmitting Internet protocol (IP) packets;

    providing at least one synchronous dynamic random access memory (SDRAM) connected with the CPU for exchanging data with the CPU,

and for storing application programs;

providing a flash memory connected with the CPU for storing driving programs and related configurations;

providing a crystal oscillator connected with the CPU for providing clock signals for the CPU;

providing an Ethernet transceiver connected with the CPU for transmitting and receiving Ethernet frames; and

providing at least one port connected with the CPU for connecting one or more computers and/or computer peripherals in a wireless manner.